QJ 70
/o23   OIPE
#5

Serial Number: 09/904,180

CRF Processing Date: 11/5/01
Edited by: ___
Verified by: ___ (STIC sta

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was 'wrapped' down to the next line.

EN

☐ Edited a format error in the Current Application Data section, specifically: _____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included: _____

☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other: _____
_____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.   3/1/95

RAW SEQUENCE LISTING
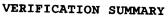PATENT APPLICATION: US/09/904,180

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\11052001\I904180.raw

```
 4 <110> APPLICANT: Allen, Keith D.
 6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING STEFIN
 7        HOMOLOG PROTEASE INHIBITOR GENE DISRUPTIONS
10 <130> FILE REFERENCE: R-477
12 <140> CURRENT APPLICATION NUMBER: US 09/904,180
13 <141> CURRENT FILING DATE: 2001-07-11
15 <150> PRIOR APPLICATION NUMBER: US 60/217,329
16 <151> PRIOR FILING DATE: 2000-07-11
18 <150> PRIOR APPLICATION NUMBER: US 60/262,126
19 <151> PRIOR FILING DATE: 2001-01-16
21 <150> PRIOR APPLICATION NUMBER: US 60/300,896
22 <151> PRIOR FILING DATE: 2001-06-26
24 <160> NUMBER OF SEQ ID NOS: 3
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 559
30 <212> TYPE: DNA
31 <213> ORGANISM: Mus musculus
33 <220> FEATURE:
34 <221> NAME/KEY: misc_feature
35 <222> LOCATION: 2, 23, 28, 29, 61, 101, 111, 121, 178, 181, 185, 196, 211,
36        237, 243, 277, 536
37 <223> OTHER INFORMATION: n = A,T,C or G
39 <400> SEQUENCE: 1
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```
W--> 40 gncagcattt cctctaaggg atncaatnng gcttgcccga ggccacactc atttccccat 60
W--> 41 nccctcaaat actgtggtga ttaaacattt cataggagga ntttatggat ncctttaaaa 120
W--> 42 ncctaattct ccctgcttgc caaatcattt cttctcagca tcctgcccag caaaaaanca 180
W--> 43 ncttntgatc aaaatnatcc ccggaggctt nacggaggcc agacctgcca cagcagnagt 240
W--> 44 ccnggagatt gctgaccggg tcaaagcaca gctcgangag gaaaccaatg agaaatatga 300
     45 aatattcaaa gccgttgagt ataaaactca agttgtcgct ggagtcaatt acttcattaa 360
     46 gatggatgta gggggtggtt gtttcaccca cataaaagtc ttcaaggatc tttctggaaa 420
     47 gaataatttg gaacttactg gttaccagac taacaaaacc gaggatgatg agctgaccta 480
W--> 48 cttctaagca gcaaattcta aagtgacctg attcctctca ttgtaaactg attcgnccat 540
     49 caataaagaa tattctcca                                               559
     51 <210> SEQ ID NO: 2
     52 <211> LENGTH: 200
     53 <212> TYPE: DNA
     54 <213> ORGANISM: Artificial Sequence
     56 <220> FEATURE:
     57 <223> OTHER INFORMATION: Targeting vector
     59 <400> SEQUENCE: 2
     60 cgaggccaca ctcatttccc cattccctca gatactgtga tgattataca tttgatagga 60
     61 ggagattatg gatacctttrm aaattctaag tctccctgct tgccagatca tttcttctca 120
     62 gcattctgcc cagcaaagaa gcaactcgtg atcagaatga tacccggagg cttgatggag 180
     63 gccagacctg ccacagcaga                                               200
     65 <210> SEQ ID NO: 3
     66 <211> LENGTH: 200
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/904,180

DATE: 11/05/2001
TIME: 11:09:59

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\11052001\I904180.raw

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L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
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